Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 08 Aug 2021 until 23:59 on Monday 09 Aug 2021

Forecast Issued on Sunday 08 Aug 2021 at 02:43

Confidence: High for changeable conditions for remainder of this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards more settled conditions by Tuesday.

Headline for Sunday 08 Aug 2021: Showers, some heavy and thundery. Longer spells of rain possible mid-morning on Sunday with strongest winds, mainly across summits.

Mountain weather hazards on Sunday 08 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers	Thunderstorm	Thunderstorm	Light rain showers	Partly cloudy (night)
Precipitation probability					
60%	80%	80%	60%	40%	<05%

Forecast for Sunday 08 Aug 2021

Weather: A cloudy start with showers or more persistent spells of occasionally heavy rain through Sunday morning and cloud covering summits. Showers with brief brighter spells for the afternoon; some heavy with a risk of thunder. Showers slowly easing through the evening. Breezy throughout the day, perhaps windy on hilltops.

Chance of cloud free mountain/hill tops above 600m: 10% initially with overcast bases around 400m improving to 90% for the afternoon and evening.

Visibility: Moderate or good for much of the day, becoming poor in heavier showers and rain and very poor at times across summits, improving to mainly good for the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 08 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 SW	21/28 W	24/33 W	25/36 W	23/32 W	20/29 SW	18/26 SW
300	18/25 SW	17/25 SW	19/28 W	21/32 W	17/26 W	14/24 SW	13/23 SW
Valley	11/24 SW	13/25 W	15/29 W	16/31 W	13/26 W	9/22 SW	8/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	12/8	12/8	12/8	12/8	10/7	10/6
300	13/10	13/10	14/11	14/11	14/11	13/10	12/9
Valley	13/11	14/12	15/12	15/12	15/12	13/12	12/11
Freezing Level*	2600m	2600m	2500m	2500m	2400m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong and gusty winds across summits, with quite chilly conditions in heavy showers. Lightning could be a hazard.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 08 Aug 2021	16.4mm	25.8mm	33.8mm

Forecast for Monday 09 Aug 2021

Weather: A misty start with cloud bases lowering across summits during early hours of Monday morning but mainly dry. Cloud lifting and breaking after day-break with showers and some sunshine likely for the afternoon. These showers less heavy than recent days. A few showers and bright or clear spells for the evening.

Maximum wind: Westerly or southwesterly with gusts reaching 25-30mph during afternoon.

Chance of cloud free mountain/hill tops above 600m: 0% for early hours becoming 30% after day break and 80% for the afternoon and evening.

Visibility: Poor or very poor in the morning becoming moderate or good from late-morning onwards.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming plus 19 degrees Celsius.
At 600m: Plus 9 degrees Celsius becoming plus 14 degrees Celsius.
Freezing level: Well above the summits.

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